

PADMEX 65080

Polyethylene, High Density

HDPE INJECTION

Flow Index 8.0 g/10min Density 0.9665 g/cm³

Features:

- Padmex 65050 is a copolymer with a narrow molecular weight distribution.
- High impact strength.
- Excellent hardness and processing stability.
- Excellent environment and sunlight resistance.
- Padmex 60120 meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520.

Applications:

- * Multipurpose boxes * Buckets
- * Trash basket * Big containers
- * Toys

Additives:

- * Antioxidant * UV Stabilizer * Lubricant

PARAMETER	UNIT	TEST METHOD	TYPICAL VALUE **
Flow Index	g/10 min.	ASTM D - 1238	8.0
Density	g/cm ³	ASTM D - 1505	0.9665
Mechanical *			
Tensile Strength	MPa	ASTM D - 638	29.4
IZOD Impact Procedure A	J/m	ASTM D - 256	53
Flexural Modulus	MPa	ASTM D - 790	57
ESCR F50	h	ASTM D - 1693	≥3
Durometer Hardness (D Scale)	Tipo D	ASTM D - 1706	64
Vicat Softening Point	°C	ASTM D - 1525	122
Spiral flow distance (SFD)	cm	ASTM D - 3123	69
Melting Point	°C	ASTM E - 794	130

Conditions

The recommended melt temperature to obtain the best properties is : 210-250°C

Presentation

- * 25kg. Sacks
- * Pellets

** Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, and with the European standards 85/572/EEC, 90/128/EEC y 97/48/EEC covering safe use of polyolefin articles intended for direct food contact.

*** The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.